

**REMARKS**

Claims 1-20 were presented for examination in the present application. The instant amendment cancels claim 20 without prejudice and adds new claim 21. Thus, claims 1-19 and 21 are presented for consideration upon entry of the instant amendment. Claims 2-19 were indicated as including allowable subject matter.

Claims 5 and 8 have been amended to correct obvious errors.

Claims 1-20 were rejected under 35 U.S.C. §112, second paragraph.

Claim 20 has been cancelled, rendering the rejection to this claim moot.

Claims 1 and 7 have been amended to clarify that the ferrite members are in contact with said first conductor/conduit so that said plurality of ferrite members provide inductance and reduce a magnetic field generated by current traversing through the first conductor/conduit.

Claim 1 has been amended to clarify that the plurality of current dividing members are in electrical communication with the first conductor so that at least a portion of the current traversing through the first conductor is conducted through the plurality of current dividing members.

It is submitted that these amendments obviate the rejections by merely making explicit what had been implicit in the claims. Accordingly, reconsideration and withdrawal of the rejections to claims 1-20 are respectfully requested.

As such, claim 7, as well as claims 8-19 that depend therefrom, are believed to be in condition for issuance.

Allowable claim 4 has been amended into independent form, namely to include the elements of amended claim 1. Thus, claim 4, as well as claim 5 that depends therefrom, are also believed to be in condition for issuance.

Claims 1 and 20 were rejected under 35 U.S.C. §102 over U.S. Patent No. 2,915,707 to Bradstock et al. (Bradstock).

Claim 20 has been cancelled, rendering the rejection to this claim moot.

Independent claim 1 is directed to a ferrite assembly. In contrast, Bradstock is directed to a current measuring reactor.

It is respectfully submitted that the current measuring reactor of Bradstock simply does not disclose or suggest the ferrite assembly of claim 1.

For example, claim 1 recites, in part, that the plurality of ferrite members each have a core that is in contact with the first conductor. In contrast, the impedance coils 18, 19 of Bradstock merely surround the shunt 15 and do not contact the shunt as required by the core of claim 1.

Therefore, claim 1 is believed to be in condition for allowance. Accordingly, reconsideration and withdrawal of the rejection to claim 1 are respectfully requested.


Claim 21 has been added to point out various aspects of the present application. Claim 21 is believed to be in condition for allowance. For example, claim 21 recites, in part, a plurality of ferrite members that surround the first conductor and the plurality of current dividing members. In contrast, the impedance coils 18, 19 of Bradstock merely surround the shunt 15 and not the conductors 11, 12.

In view of the above, it is respectfully submitted that the present application is in condition for issuance. Such action is solicited.

If for any reason the Examiner feels that consultation with Applicants' attorney would be helpful in the advancement of the prosecution, the Examiner is invited to call the telephone number below.

Respectfully submitted,

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